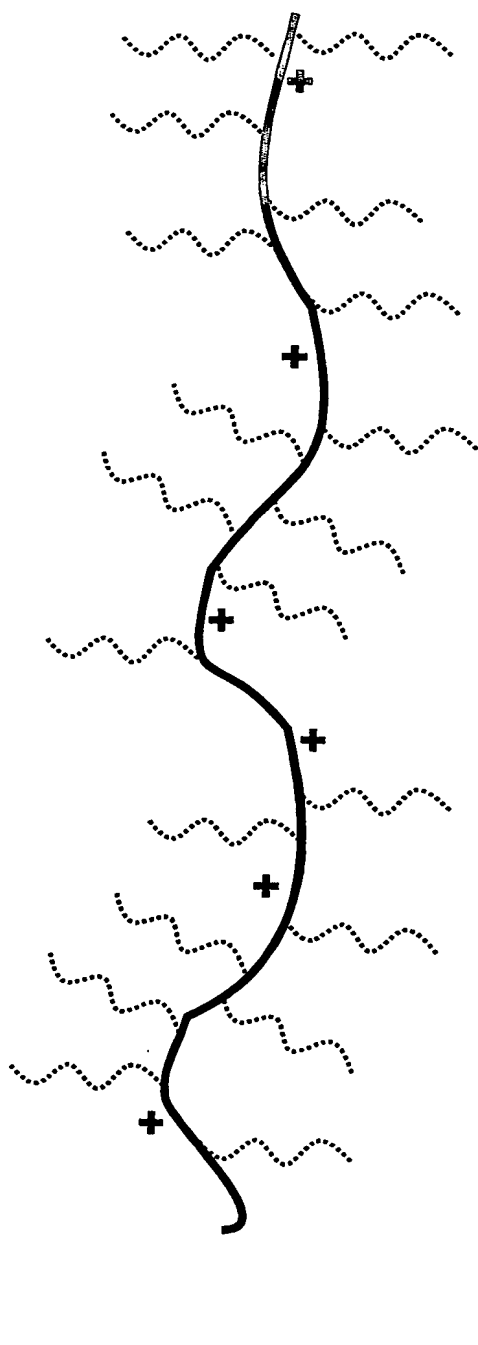


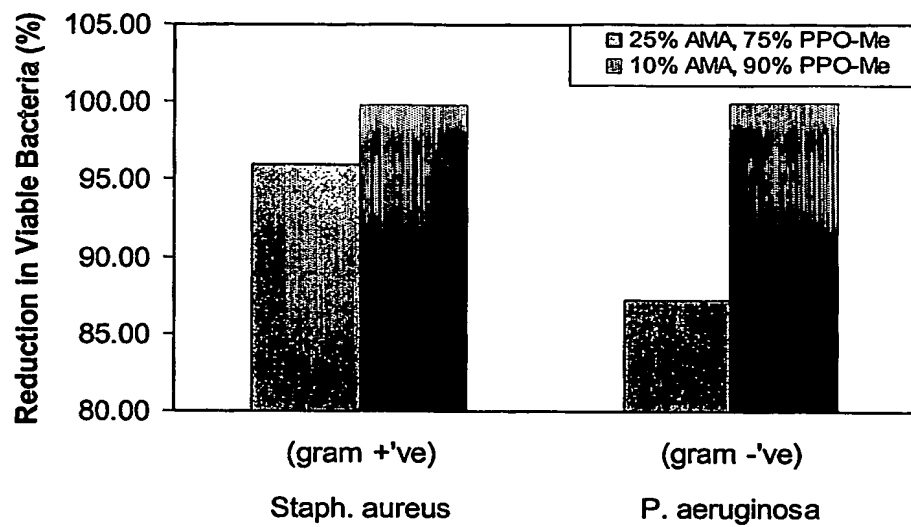
Figure 1

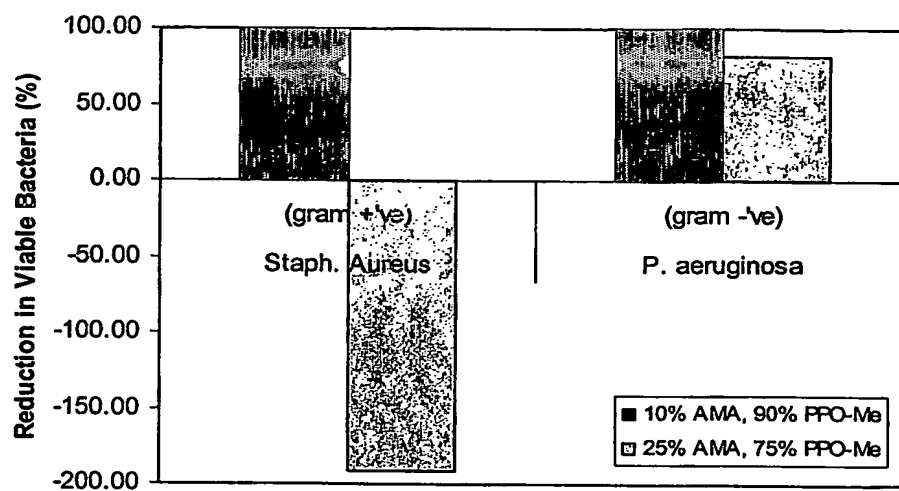


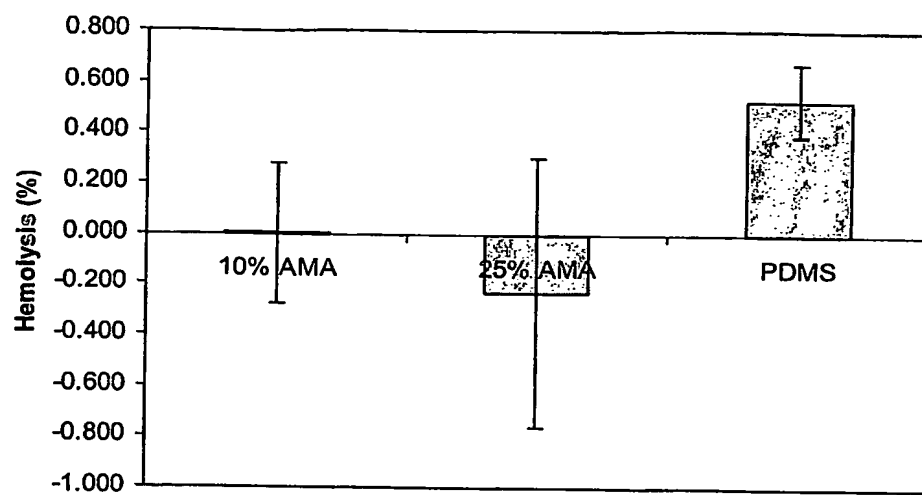
Hydrophobic segment

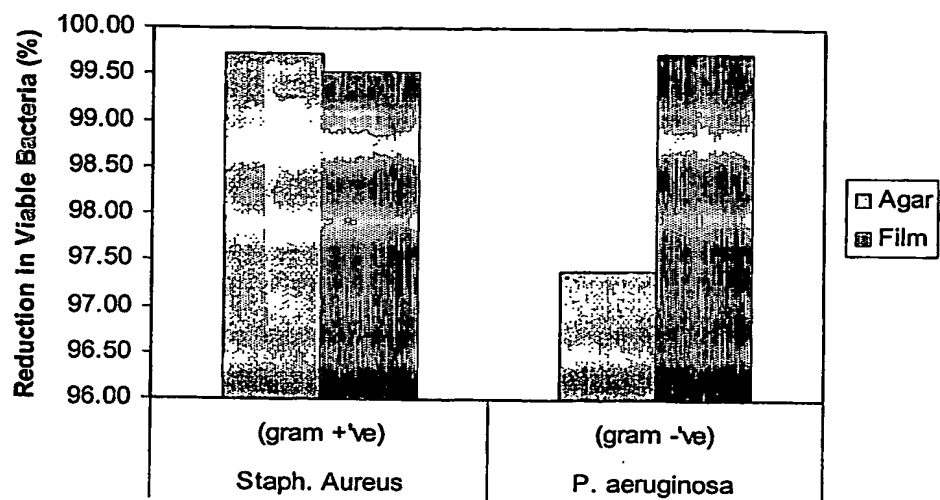
Cation-containing chain

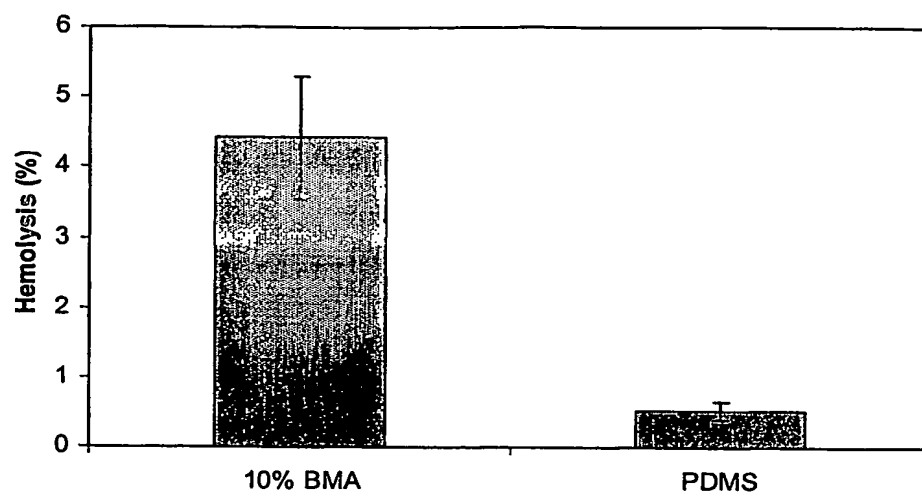
Figure 2

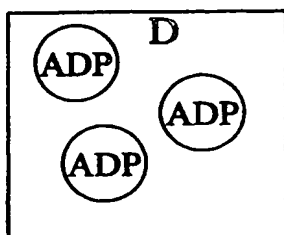
**Figure 3**

**Figure 4**

**Figure 5**

**Figure 6**

**Figure 7**



D – degradable matrix

ADP – ancient defense polymer

Figure 8